

**BY ORDER OF THE  
SECRETARY OF THE AIR FORCE**

**AFI11-2UV-18V1**

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***Flying Operations***

***UV-18 AIRCREW TRAINING***

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implement AFD 11-2, *Aircraft Rules and Procedures*, and AFI 11-202, Volume 1, *Aircrew Training*. It establishes the USAF aircrew training program for the UV-18 aircraft. File a copy of all approved waivers with this instruction. Submit suggested improvements to this instruction on AF Form 847, **Recommendation for Change of Publication**, through training channels, to 34 OSS/OST. Changes and revisions to this instruction must be approved by HQ USAF/XO. **Attachment 1** contains a glossary of references, abbreviations, and acronyms. This is a new instruction. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

The Privacy Act of 1974 affects this instruction. The Privacy Act System Number F011 AF AMC A, Air Force Operations Resource Management Systems (AFORMS) covers required information. The authority for maintenance of AFORMS is 37 U.S.C. 301a (Incentive Pay), Public Law 92-204, Section 715 (Appropriations Act for 1973), Public Laws 93-570 (Appropriations Act for 1974), 93-294 (Aviation Career Incentive Act of 1974), DoDD 7730.57 (Aviation Career Incentive Act of 1974 and Required Annual Report, February 5, 1976, with Changes 1 and 2), and Executive Order 9397. This instruction is affected by the Paperwork Reduction Act as amended in 1996. Maintain and dispose of records created by processes prescribed in this publication IAW AFMAN 37-139, *Records Disposition Schedule*.

## Chapter 1

### GENERAL GUIDANCE

#### 1.1. Abbreviations, Acronyms, and Terms. See [Attachment 1](#).

#### 1.2. Responsibilities:

1.2.1. HQ USAF/XOOT will staff MAJCOM-coordinated changes and revisions to this instruction to HQ/USAF/XO for approval. Proposed changes to this volume are submitted IAW AFI 11-215 *Flight Manuals Program*.

1.2.2. All applicable MAJCOMs and Direct reporting units (DRU), will:

1.2.2.1. Determine training requirements to meet expected unit tasking.

1.2.2.2. Forward MAJCOM supplements to HQ USAF/XOOT for approval. Inform all MAJCOM/DOs of approved supplements to this instruction. Provide HQ USAF/XOOT one copy of approved MAJCOM supplements after publication.

1.2.2.3. Review subordinate unit supplemental instructions and supplemental training programs annually.

1.2.3. Wings/Groups will:

1.2.3.1. Develop programs to ensure training objectives are met. Assist subordinate units in management of training programs, ensure programs meet unit needs, and provide necessary staff support.

1.2.3.2. Attach RPI-6/8 flyers to a flying squadron.

1.2.3.3. If applicable forward supplements or other supporting documents to the MAJCOM for review. Review supplements annually.

1.2.3.4. Identify training shortfalls that adversely impact operational capability through appropriate channels.

1.2.4. Unit supervision will:

1.2.4.1. Ensure adequate continuity and supervision of individual training needs and proficiencies of assigned and attached aircrew members.

1.2.4.2. Ensure review of training and evaluation records of newly-assigned aircrew members and those completing formal training, to determine the training required for them to achieve Mission qualification.

1.2.4.3. Assist wing or group in developing the unit training programs.

1.2.4.4. Monitor individual assigned and attached aircrew member currencies and requirements.

1.2.4.5. Ensure aircrew members only participate in sorties, events, and tasks for which they are adequately prepared, trained, and current.

1.2.5. Individual aircrew members will:

1.2.5.1. Be responsible for completion of training requirements and currencies within the guidelines of this instruction.

1.2.5.2. Ensure they participate only in ground and flying activities for which they are qualified, current, and prepared.

**1.3. Training.** Aircrew training is designed to progress aircrews from Initial Qualification (IQT) to Mission Qualification (MQT).

1.3.1. IQT and MQT provide the training necessary to qualify aircrew in the basic unit mission.

1.3.2. Continuation Training (CT) consists of basic flying skills to ensure safe day-to-day operation of the aircraft.

1.3.3. Specialized Training. Specialized training is training in any special skills necessary to carry out the unit's assigned missions that are not required of every crewmember. Examples of specialized training includes, but is not limited to, formation, other than paved surface landings, low level, STOL, etc. Individuals recognized by the unit will accomplish appropriate training to qualify personnel in these specialized areas.

**1.4. Training Concepts and Policies.** Design training programs to achieve the highest degree of readiness and proficiency consistent with flight safety and resource availability.

1.4.1. MAJCOMs/DRUs will determine if mission requirements for UV-18 pilots require IQT or MQT. Wings will normally provide every pilot with full MQT.

1.4.2. Wing Commanders may authorize IQT-only upgrades in writing if impact to the mission is minimized and upgrade training resources are available. File the authorization for IQT-only upgrade in the affected pilot's FEF.

**1.5. Training Records and Reports.** Units will maintain individual flight training records and flight evaluation folders IAW, applicable Air Force instructions and local unit guidance. As a minimum, units will document required ground training, fulfillment of upgrade requirements, and current qualifications.

**1.6. Waiver Authority.** Unless otherwise specified in this instruction, MAJCOM/DRU DO is the waiver authority for this instruction. Request waivers to the basic guidance in this instruction through training channels to 34 OSS/OST, USAFA, CO. Waiver requests may be in message or memo format. Waivers to supplemental guidance will be handled by the MAJCOM/DRU agency that generated the supplement. MAJCOM/DRU DO is the waiver authority for specific aircrew training requirements.

## Chapter 2

### INITIAL QUALIFICATION TRAINING

**2.1. General.** Units will specify training guidance, procedures, policy, and requirements for IQT in locally developed syllabi. Pilots in IQT will fly with instructor supervision until qualified.

**2.2. Prerequisites.** Units will specify prerequisites for IQT in locally developed syllabi. See AFI 11-202, Volume 1 para. 2.2 for additional guidance.

**2.3. Senior Staff Training.** Colonels and above must be entered in a syllabus program by the USAFA rated manager. They will complete all training as directed by unit syllabus.

**2.4. Training Completion.** All pilots will advance to MQT unless a waiver is granted by the wing commander. Complete an AF Form 8, **Certificate of Aircrew Qualification**, IAW AFI 11-202 Volume 2, *Aircrew Standardization/Evaluation Program* for those pilots that do not continue on to MQT and will result in an FP qualification. Pilots will normally continue immediately into MQT and receive their AF Form 8 flight evaluation after completing the entire IQT and MQT upgrade syllabus.

## Chapter 3

### MISSION QUALIFICATION TRAINING

**3.1. General.** Mission Qualification Training (MQT) is a unit training program that upgrades pilots who have completed IQT. Units are allowed to tailor this program to an individual pilot's experience, currency, documented performance, and formal training. Units will specify training guidance, procedures, policy, and requirements for MQT in locally developed syllabi.

**3.2. Prerequisites.** IQT complete. Units will specify additional prerequisites for MQT in locally developed syllabi.

**3.3. Training Completion.** Pilots must complete MQT within the training time prescribed in the syllabus. Wing commander is waiver authority for training time extensions. MQT is considered complete after successful completion of an AF Form 8 flight evaluation in the UV-18. At USAFA, this results in an IP qualification.

## Chapter 4

### CONTINUATION TRAINING

**4.1. General:** This chapter outlines the minimum training required for aircrews. Units can increase the requirements as needed.

**4.2. Recurring Ground Training:** The following are required for all pilots prior to flying and will be re-accomplished as indicated below. Pilots failing to obtain refresher training in the specified time will be grounded until this training is accomplished.

4.2.1. Physiological Training. Accomplish IAW AFI 11-403, *Aerospace Physiological Training Program*, and MAJCOM/DRU supplements.

4.2.2. Instrument Refresher Training. IAW AFI 11-202V2, *Aircrew Standardization/Evaluation Program*, AFMAN 11-210, *Instrument Refresher Course (IRC) Program*, and MAJCOM supplements.

4.2.3. Life Support Training. Accomplish IAW AFI 11-301, *Aircrew Life Support (ALS) Program*. In addition, unit commanders will review any locally developed life support courses relevant to a unit's equipment and flying environment. As a minimum, UV-18 pilots and upgraders must accomplish the requirements of **Table 4.1**.

**Table 4.1. Life Support Requirements.**

Type of Life Support Training:	Prior to first UV-18 flight?	Currency
Local area survival (LS01)	Yes	One-time*
Life support equipment training (LS06)	Yes	12 mos
Non-ejection egress training (LS08)	Yes	12 mos*

**\* Grounded if not accomplished**

**NOTE:** This training is not required for passengers

4.2.4. Crew Resource Management. Accomplish refresher training once each calendar year IAW AFI 11-290, *Cockpit/Crew Resource Management Training Program*. Locally developed flight and ground training materials should emphasize concepts of CRM appropriate to the unit mission.

**4.3. Flying Training.** All pilots will accomplish the applicable semi-annual requirements as shown in **Table 4.2**. Failure to complete requirements will require, as a minimum, an IP supervised sortie to sign off delinquent items and any other actions deemed necessary by the unit commander.

**Table 4.2. UV-18 Semi-Annual Sortie and Event Requirements.**

	CP/FP/MP/IP/EP	Senior Staff
Night Sorties	1	1
Night Landings	3	3
Total Sorties	36	24
Landings	36	24

	CP/FP/MP/IP/EP	Senior Staff
Non Precision Approach	6	6
Precision Approach	6	6
Continuation Sortie	2	2
Out and Back Trainer	1	1 (MP/IP/EP)

**4.4. Flight Surgeon Training.** Flight Surgeon flying requirements will be IAW AFI 11-202, Volume 1 for Flight Surgeons assigned to the UV-18.

**4.5. Currencies/Recurrencies/Requalification:**

4.5.1. Currency. **Table 4.3.** defines currency requirements for all UV-18 pilots.

**Table 4.3. UV-18 Currencies.**

	FP/MP/IP/EP	Senior Staff
Night Landing	180 days	180 days
Total Sorties	45 days	45 days
Landing	45 days	45 days
Instrument Approach	45 days	45 days
Continuation Sortie	90 days	90 days

4.5.2. Recurrency: Any pilot not meeting currency requirements will fly with an IP to become recurrent.

4.5.2.1. Loss of currency up to 6 months. An aircrew member must demonstrate proficiency with an instructor in all delinquent items.

4.5.2.2. Loss of currency exceeding 6 months. Loss of currency will result in unqualified status requiring a flight evaluation.

4.5.3. Requalification Training. An aircrew member is unqualified upon expiration of his or her qualification evaluation or loss of currency exceeding 6 months, whichever occurs first. For all aircrew personnel, except flight surgeons, requalification requirements are as follows:

4.5.3.1. Unqualified up to 2 years. Complete training in all delinquent items (as applicable), additional training as directed by the squadron commander, and an in-flight evaluation.

4.5.3.2. Unqualified over 2 years. Complete IQT and MQT, as appropriate, and an in-flight evaluation.

**4.6. Proration.** At the end of the training cycle, the unit/CC may prorate training requirements when DNIFs, emergency leaves, non-flying TDYs, or exercises preclude training for a portion of the training period. Normal annual leave will not be considered nonavailability. Extended bad weather, which precludes the unit from flying more than 15 consecutive days may be considered as nonavailability. Also, periods when the aircraft are not available for normal use, as determined by the unit commander may also be considered as nonavailability. The following guidelines apply:

4.6.1. Proration will only be used to adjust genuine circumstances of training nonavailability, not to mask training or planning deficiencies.

4.6.2. Proration is based on cumulative days of nonavailability for flying during the training cycle. Use [Table 4.4](#). Proration Allowance to determine the months available.

4.6.3. Prorated numbers resulting in fractions of less than 0.5 will be rounded to the next lower whole number, but no requirement may be prorated below one.

**Table 4.4. Proration Allowance.**

CONSECUTIVE DAYS OF NON-FLYING	MONTHS OF PRORATION ALLOWED
0-15	0
16-45	1
46-75	2
76-105	3
106-135	4
136-165	5
166-195	6
196-225	7
>225	See AFI 11-202V1

## Chapter 5

### SPECIALIZED/UPGRADE TRAINING

**5.1. General:** Specialized/Upgrade training is a unit-training program that upgrades aircrew to instructor pilot or specialized missions skills. Units are allowed to tailor this program for all crew members based on experience, currency, documented performance, and formal training. Specific training guidance, procedures, policy, and requirements for specialized/upgrade training are described in the UV-18 syllabus.

MARVIN R. ESMOND, Lt General, USAF  
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**Attachment 1****GLOSSARY OF ABBREVIATIONS, ACRONYMS, AND TERMS*****References***

AFPD 11-2, *Aircraft Rules and Procedures*

AFI 11-202, Volume 1, *Aircrew Training*

AFI 11-202, Volume 2, *Aircrew Standardization/Evaluation Program*

AFMAN 11-210, *Instrument Refresher Course (IRC) Program*

AFI 11-301, *Aircrew Life Support (ALS) Program*

AFI 11-403, *U.S. Air Force Aerospace Physiological Training Program*

AFI 36-2243, *Cockpit/Crew Resource Management Program Training Program*

AFMAN 37-139, *Records Disposition Schedule*

***Abbreviations and Acronyms***

**AFI**—Air Force Instruction

**AFMAN**—Air Force Manual

**AFPD**—Air Force Policy Directive

**AFORMS**—Air Force Operations Resource Management System

**DNIF**—Duty Not Including Flying

**FAA**—Federal Aviation Administration

**FE**—Flight Examiner

**HQ**—Headquarters

**IQT**—Initial Qualification Training

**IP**—Instructor Pilot

**IRC**—Instrument Refresher Course

**MAJCOM**—Major Command

**MP**—Mission Pilot

**MQT**—Mission Qualification Training

**OPR**—Office of Primary Responsibility

**PIT**—Pilot Instructor Training

**PTS**—Practical Test Standards

**SFL**—Simulated Forced Landing

**TDY**—Temporary Duty

**U.S.C.**—United States Code

**VFR**—Visual Flight Rules

***Terms***

**Major Command (MAJCOM)/Direct Reporting Unit (DRU) DO**—Equates to Training Wing CC at USAF Academy